

NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Anura, *Aplastodiscus perviridis* (Hylidae): range extension for Rio Grande do Sul, southern Brazil

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The knowledge about amphibians in Rio Grande do Sul state is fragmented and most studies have basically taxonomic approaches (Garcia and Vinciprova 2003). Many other aspects of the anuran fauna of the state remain unknown, such as the distribution patterns of the species (Di-Bernardo et al. 2004). The current knowledge on the biogeography of the amphibians from the central region of Rio Grande do Sul state is based on a limited number of publications (e. g., Braun and Braun 1980; Cechin et al. 2002). Recently, field studies were carried out in this region by the authors, at the municipality of Itaara. Based on the specimens collected during this survey, we are expanding the range distribution of an anuran species up to the central portion of Rio Grande do Sul state.

On 20 November 2005 we observed one, and on 10 December 2005 two, calling males of *Aplastodiscus perviridis* in the municipality of Itaara (29°32'15 S; 53°47'30 W), at 420 m above sea level (Figure 1). Specimens were deposited in the Herpetological Collection of the Universidade Federal de Santa Maria (UFSM) (ZUFMS 4271). Up to date, this species was known to occur in the northern and northeastern Serra Geral in Rio Grande do Sul state (Braun and Braun 1980; Garcia et al. 2001; Kwet 2001) and in Misiones, Argentina (Ceí 1980). These new records from Itaara extend the distribution range of the species in 225 km toward the south, from the municipality of Lagoa Vermelha located in the north portion of the state.

Acknowledgments

We are grateful to Mirco Solé for checking the specimens and to Axel Kwet and the reviewers for

the corrections on the manuscript. We also thank Petrobras for financial support.



Figure 1. Male of *Aplastodiscus perviridis*, municipality of Itaara, Rio Grande do Sul, Brazil.

Literature cited

- Braun, P. C. and C. A. Braun. 1980. Lista prévia dos anfíbios do Estado do Rio Grande do Sul, Brasil. *Iheringia, Série Zoologia*. 56: 121-146.
- Cechin, S. T. Z., L. M. Giasson, M. A. Hartmann, T. G. Santos, and R. Boelter. 2002. Anfíbios. Pp. 201-205. In J. Itaqui (ed.), *Quarta Colônia: Inventários técnicos*. Santa Maria. Condesus Quarta Colônia.
- Ceí, J. M. 1980. Amphibians of Argentina. *Monitore Zoologico Italiano (N.S.)*. Monografia. 2: 1-609.
- Di-Bernardo, M., R. B. Oliveira, G. M. F. Pontes, J. Melchior, M. Solé, and A. Kwet. 2004. Anfíbios anuros da região de extração e processamento de carvão de Candiota, RS, Brasil. Pp. 163-175. In: E. C. Teixeira and M. J. R. Pires (eds.), *Estudos ambientais em Candiota – carvão e seus impactos*. Fepam, Porto Alegre.
- Garcia, P. C. A. and G. Vinciprova. 2003. Anfíbios. Pp. 147-164. In C. S. Fontana, G. A. Bencke, and R. E. Reis (eds.), *Livro vermelho da fauna ameaçada de extinção no RS*. Porto Alegre. Edipucrs.
- Garcia, P. C. A., U. Caramaschi, and A. Kwet. 2001. Sobre o status taxonômico de *Hyla cochranae* Mertens e recharacterização de

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Aplastodiscus A. Lutz (Anura, Hylidae).
Revista Brasileira de Zoologia 18(4): 1197-
1218.

Kwet, A. 2001. Frösche im brasilianischen
Araukarienwald - Anurengemeinschaft des
Araukarienwaldes von Rio Grande do Sul:
Diversität, Reproduktion und

Ressourcenaufteilung. Natur und Tier-
Verlag. Münster. 192 p.

Received May 2006

Accepted June 2006

Published online July 2006